Serial Number: 09/902,615

CRF Processing Date
Edited by:
Verified by: _____ (STIC sta[

- [ ] Changed a file from non-ASCII to ASCII

- [ ] Changed the margins in cases where the sequence text was "wrapped" down to the next line.

- [ ] Edited a format error in the Current Application Data section, specifically: _____

- [ ] Edited the Current Application Data section with the actual current number. The number inputted by the applicant was [ ] the prior application data: or [ ] other _____

- [ ] Added the mandatory heading and subheadings for "Current Application Data".

- [ ] Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer

- [ ] Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

- [ ] Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

- [✓] Inserted or (corrected) a nucleic number at the end of a nucleic line. SEQ ID NO's edited: *173*

- [ ] Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

- [ ] Inserted colons after headings/subheadings. Headings edited included:

- [ ] Deleted extra, invalid, headings used by an applicant, specifically: _____

- [ ] Deleted: [ ] non-ASCII "garbage" at the beginning/end of files; [ ] secretary initials/filename at end of file; [ ] page numbers throughout text; [ ] other invalid text, such as _____

- [ ] Inserted mandatory headings, specifically: _____

- [ ] Corrected an obvious error in the response, specifically: _____

- [ ] Edited identifiers where upper case is used but lower case is required, or vice versa.

- [ ] Corrected an error in the Number of Sequences field, specifically: _____

- [ ] A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- [ ] Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

- [ ] Other: _____

RAW SEQUENCE LISTING   DATE: 01/09/2002
PATENT APPLICATION: US/09/902,615   TIME: 08:31:37

Input Set : **N:\jumbos\902615.txt**
Output Set: **N:\CRF3\01092002\I902615.raw**

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 3 <110> APPLICANT: Genentech, Inc.
 4        Ashkenazi, Avi
 5        Botstein, David
 6        Desnoyers, Luc
 7        Eaton, Dan L.
 8        Ferrara, Napoleone
 9        Filvaroff, Ellen
10        Fong, Sherman
11        Gao, Wei-Qiang
12        Gerber, Hanspeter
13        Gerritsen, Mary E.
14        Goddard, A.
15        Godowski, Paul J.
16        Grimaldi, Christopher J.
17        Gurney, Austin L.
18        Hillan, Kenneth, J.
19        Kljavin, Ivar J.
20        Mather, Jennie P.
21        Pan, James
22        Paoni, Nicholas F.
23        Roy, Margaret Ann
24        Stewart, Timothy A.
25        Tumas, Daniel
26        Williams, P. Mickey
27        Wood, William, I.
29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
30        Acids Encoding the Same
32 <130> FILE REFERENCE: 10466-14
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C--> **34 <140> CURRENT APPLICATION NUMBER: US/09/902,615**
C--> **35 <141> CURRENT FILING DATE: 2001-12-14**

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37 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
38 <151> PRIOR FILING DATE: 2000-02-22
40 <150> PRIOR APPLICATION NUMBER: US 60/143,048
41 <151> PRIOR FILING DATE: 1999-07-07
43 <150> PRIOR APPLICATION NUMBER: US 60/145,698
44 <151> PRIOR FILING DATE: 1999-07-26
46 <150> PRIOR APPLICATION NUMBER: US 60/146,222
47 <151> PRIOR FILING DATE: 1999-07-28
49 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
50 <151> PRIOR FILING DATE: 1999-09-08
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53 <151> PRIOR FILING DATE: 1999-09-13
55 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
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RAW SEQUENCE LISTING   DATE: 01/09/2002
PATENT APPLICATION: US/09/902,615   TIME: 08:31:37

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73 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565
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76 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095
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79 <150> PRIOR APPLICATION NUMBER: PCT/US99/30911
80 <151> PRIOR FILING DATE: 1999-12-20
82 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
83 <151> PRIOR FILING DATE: 1999-12-20
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98 cccgcagcgc tacccgccat gcgcctgccg cgccgggccg cgctggggct cctgccgctt 180
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103 gaggcgcagg aggagcacct ggaggcctgg tggctgcagc tgaagagcga atatcctgac 480
104 ttattcgagt ggtttttgtgt gaagacactg aaagtgtgct gctctccagg aacctacggt 540
105 cccgactgtc tcgcatgcca gggcggatcc cagaggccct gcagcgggaa tggccactgc 600
106 agcggagatg ggagcagaca gggcgacggg tcctgccggt gccacatggg gtaccagggc 660
107 ccgctgtgca ctgactgcat ggacggctac ttcagctcgc tccggaacga gacccacagc 720
108 atctgcacag cctgtgacga gtcctgcaag acgtgctcgg gcctgaccaa cagagactgc 780
109 ggcgagtgtg aagtgggctg ggtgctggac gagggcgcct gtgtggatgt ggacgagtgt 840
110 gcggccgagc cgcctccctg cagcgctgcg cagttctgta agaacgccaa cggctcctac 900
111 acgtgcgaag agtgtgactc cagctgtgtg ggctgcacag gggaaggccc aggaaactgt 960
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119 ttgatacagt tctttgtaat aaaattgacc attgtaggta atcaggagga aaaaaaaaa 1440
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124 tgaaagagga acttggttag gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg 1740
125 tcagttaggg tgtggaaagt ccccaggctc cccagcaggc agaagtatgc aagcatgcat 1800
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130 <212> TYPE: PRT
131 <213> ORGANISM: Homo sapiens
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137 Leu Leu Pro Pro Ala Pro Glu Ala Ala Lys Lys Pro Thr Pro Cys His
138            20                  25                  30
140 Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
141         35                  40                  45
143 Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
144      50                  55                  60
146 Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
147  65                  70                  75                  80
149 Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
150                  85                  90                  95
152 Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
153             100                 105                 110
155 Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
156         115                 120                 125
158 Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
159      130                 135                 140
161 Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
162 145                 150                 155                 160
164 Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu
165             165                 170                 175
167 Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
168         180                 185                 190
170 His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
171         195                 200                 205
173 Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
174      210                 215                 220
176 Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
177 225                 230                 235                 240
179 Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
180             245                 250                 255
182 Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly Pro Gly
183         260                 265                 270
185 Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys
186         275                 280                 285
188 Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr Cys Val Arg Lys
189      290                 295                 300
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211 aacagccctg gctgagggag ctgcagcgca gcagagtatc tgacggcgcc aggttgcgta 180
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213 gcgccttccc tgccgccgcg ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300
214 gggcggaggc cgggccgccg caggaggaga gcctgtacct atggatcgat gctcaccagg 360
215 caagagtact cataggattt gaagaagata tcctgattgt ttcagagggg aaaatggcac 420
216 cttttacaca tgatttcaga aaagcgcaac agagaatgcc agctattcct gtcaatatcc 480
217 attccatgaa ttttacctgg caagctgcag ggcaggcaga atacttctat gaattcctgt 540
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221 tccaaacacc tcaaaatgct atcttcttta aaacatgtca acaagctgag tgcccaggcg 780
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224 tgactcctgg tttctgcatc tgcccacctg gattctatgg agtgaactgt gacaaagcaa 960
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242 gcattggctt gaagcaatat aatatattgt aaacaaaaca cagctcttac ctaataaaca 2040
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RAW SEQUENCE LISTING   DATE: 01/09/2002
PATENT APPLICATION: US/09/902,615   TIME: 08:31:37

Input Set : N:\jumbos\902615.txt
Output Set: N:\CRF3\01092002\I902615.raw

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257           20              25              30
259 Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
260           35              40              45
262 Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
263      50              55              60
265 Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
266  65              70              75              80
268 Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
269           85              90              95
271 Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
272          100             105             110
274 Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
275          115             120             125
277 His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
278      130             135             140
280 Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
281 145             150             155             160
283 Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
284          165             170             175
286 Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
287          180             185             190
289 Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
290          195             200             205
292 Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
293      210             215             220
295 Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
296 225             230             235             240
298 Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
299          245             250             255
301 Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
302          260             265             270
304 Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
305          275             280             285
307 Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
308      290             295             300
310 Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
311 305             310             315             320
313 His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His
314          325             330             335
316 Cys Asn Lys Arg Tyr Glu Ala Ser Leu Ile His Ala Leu Arg Pro Ala
317          340             345             350
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VERIFICATION SUMMARY　　　　　　　　　　DATE: 01/09/2002
PATENT APPLICATION: **US/09/902,615**　　　TIME: 08:31:38

Input Set : **N:\jumbos\902615.txt**
Output Set: **N:\CRF3\01092002\I902615.raw**

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L:35  M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:511  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:512  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:513  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:514  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:769  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:3586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:4040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:5344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:5479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:6540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
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OIPE

RAW SEQUENCE LISTING   DATE: 01/02/2002
PATENT APPLICATION: US/09/902,615 TIME: 15:13:48

Input Set : **D:\sequence listing.txt**
Output Set: **N:\CRF3\01022002\I902615.raw**

Does Not Comply
Corrected Diskette Needed

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 3  <110> APPLICANT: Genentech, Inc.
 4         Ashkenazi, Avi
 5         Botstein, David
 6         Desnoyers, Luc
 7         Eaton, Dan L.
 8         Ferrara, Napoleone
 9         Filvaroff, Ellen
10         Fong, Sherman
11         Gao, Wei-Qiang
12         Gerber, Hanspeter
13         Gerritsen, Mary E.
14         Goddard, A.
15         Godowski, Paul J.
16         Grimaldi, Christopher J.
17         Gurney, Austin L.
18         Hillan, Kenneth, J.
19         Kljavin, Ivar J.
20         Mather, Jennie P.
21         Pan, James
22         Paoni, Nicholas F.
23         Roy, Margaret Ann
24         Stewart, Timothy A.
25         Tumas, Daniel
26         Williams, P. Mickey
27         Wood, William, I.
29  <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
30         Acids Encoding the Same
32  <130> FILE REFERENCE: 10466-14
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C--> 34 <140> CURRENT APPLICATION NUMBER: US/09/902,615
C--> 35 <141> CURRENT FILING DATE: 2001-12-14
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37  <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
38  <151> PRIOR FILING DATE: 2000-02-22
40  <150> PRIOR APPLICATION NUMBER: US 60/143,048
41  <151> PRIOR FILING DATE: 1999-07-07
43  <150> PRIOR APPLICATION NUMBER: US 60/145,698
44  <151> PRIOR FILING DATE: 1999-07-26
46  <150> PRIOR APPLICATION NUMBER: US 60/146,222
47  <151> PRIOR FILING DATE: 1999-07-28
49  <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
50  <151> PRIOR FILING DATE: 1999-09-08
52  <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
53  <151> PRIOR FILING DATE: 1999-09-13
55  <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
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RAW SEQUENCE LISTING   DATE: 01/02/2002
PATENT APPLICATION: US/09/902,615   TIME: 15:13:48

            Input Set   D:\sequence listing.txt
            Output Set   N:\CRF3\01022002\I902615.raw

    62 <151> PRIOR FILING DATE: 1999-10-05
    64 <150> PRIOR APPLICATION NUMBER: PCT/US99/28214
    65 <151> PRIOR FILING DATE: 1999-11-29
    67 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313
    68 <151> PRIOR FILING DATE: 1999-11-30
    70 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
    71 <151> PRIOR FILING DATE: 1999-12-02
    73 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565
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    77 <151> PRIOR FILING DATE: 1999-12-16
    79 <150> PRIOR APPLICATION NUMBER: PCT/US99/30911
    80 <151> PRIOR FILING DATE: 1999-12-20
    82 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
    83 <151> PRIOR FILING DATE: 1999-12-20
    84 <150> PRIOR APPLICATION NUMBER: PCT/US00/00219
    85 <151> PRIOR FILING DATE: 2000-01-05
    87 <160> NUMBER OF SEQ ID NOS: 423

ERRORED SEQUENCES

    5293 <210> SEQ ID NO: 173
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    5296 <213> ORGANISM: Artificial Sequence
    5298 <220> FEATURE:
    5299 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
    5300   oligonucleotide probe
    5302 <400> SEQUENCE: 173
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VERIFICATION SUMMARY   DATE: 01/02/2002
PATENT APPLICATION: US/09/902,615   TIME: 15:13:51

Input Set : **D:\sequence listing.txt**
Output Set: **N:\CRF3\01022002\I902615.raw**

L 34 M 270 C: Current Application Number differs, Replaced Current Application Number
L 35 M 271 C: Current Filing Date differs, Replaced Current Filing Date
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:512 M 341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:513 M 341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:170i M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:3586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:4040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:5303 M:254 E: No. of Bases conflict, LENGTH:Input:42 Counted:43 SEQ:173
L:5344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:5479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:6540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206